

STN Search - 10597445

=> d his

(FILE 'HOME' ENTERED AT 10:30:43 ON 14 MAR 2008)

FILE 'REGISTRY' ENTERED AT 10:30:50 ON 14 MAR 2008

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 17 S L1 FULL

FILE 'CAPLUS' ENTERED AT 10:31:47 ON 14 MAR 2008

L4 19 S L3

L5 19 S L4 AND PY<=2006

FILE 'REGISTRY' ENTERED AT 10:45:37 ON 14 MAR 2008

L6 STRUCTURE UPLOADED

L7 0 S L6

L8 14 S L6 FULL

FILE 'REGISTRY' ENTERED AT 10:46:50 ON 14 MAR 2008

FILE 'CAPLUS' ENTERED AT 10:46:53 ON 14 MAR 2008

L9 10 S L8

FILE 'REGISTRY' ENTERED AT 10:54:53 ON 14 MAR 2008

L10 STRUCTURE UPLOADED

L11 6 S L10

L12 125 S L10 FULL

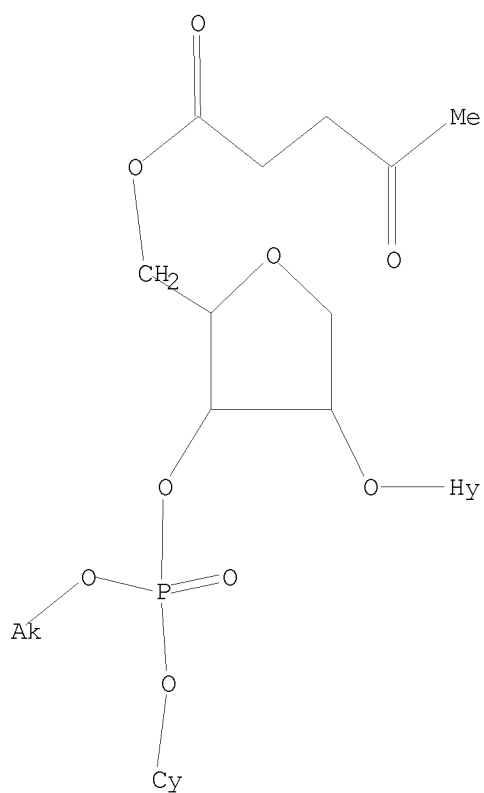
FILE 'CAPLUS' ENTERED AT 10:56:13 ON 14 MAR 2008

L13 19 S L12

=> d stat que

L10 STR

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Structure attributes must be viewed using STN Express query preparation.

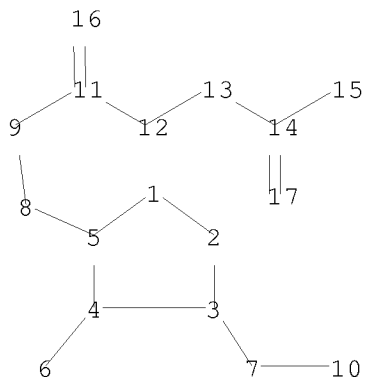
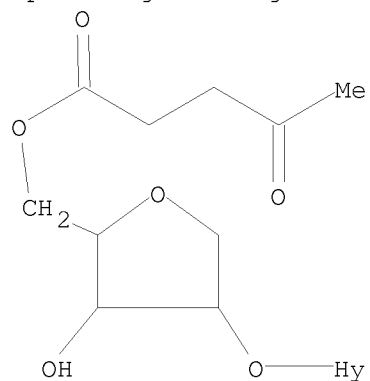
L12 125 SEA FILE=REGISTRY SSS FUL L10

L13 19 SEA FILE=CAPLUS ABB=ON PLU=ON L12

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=>

Uploading C:\Program Files\Stnexp\Queries\10597445-14Mar08-1.str



chain nodes :

6 7 8 9 10 11 12 13 14 15 16 17

ring nodes :

1 2 3 4 5

chain bonds :

3-7 4-6 5-8 7-10 8-9 9-11 11-12 11-16 12-13 13-14 14-15 14-17

ring bonds :

1-2 1-5 2-3 3-4 4-5

exact/norm bonds :

1-2 1-5 2-3 3-4 3-7 4-5 4-6 7-10 9-11 11-16 14-17

exact bonds :

5-8 8-9 11-12 12-13 13-14 14-15

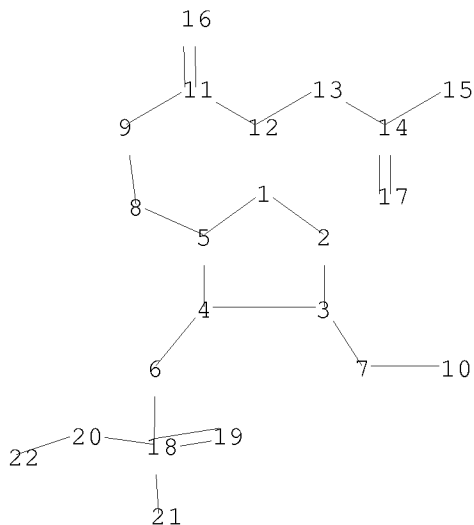
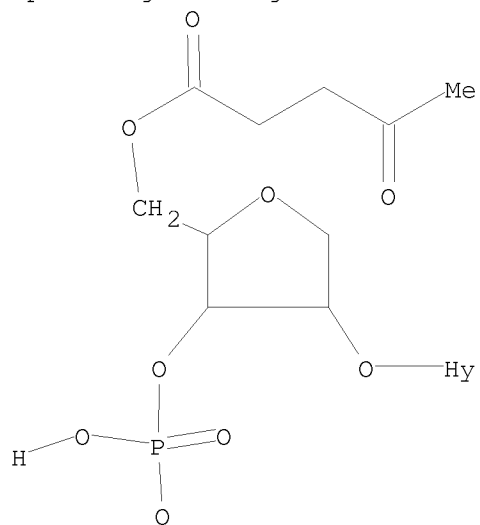
Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:Atom  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS

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Uploading C:\Program Files\Stnexp\Queries\10597445-14Mar08-.str



chain nodes :

6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

ring nodes :

1 2 3 4 5

chain bonds :

3-7 4-6 5-8 6-18 7-10 8-9 9-11 11-12 11-16 12-13 13-14 14-15 14-17  
18-19  
18-20 18-21 20-22

ring bonds :

1-2 1-5 2-3 3-4 4-5

exact/norm bonds :

1-2 1-5 2-3 3-4 3-7 4-5 4-6 6-18 7-10 9-11 11-16 14-17 18-21

exact bonds :

5-8 8-9 11-12 12-13 13-14 14-15 20-22

normalized bonds :

18-19 18-20

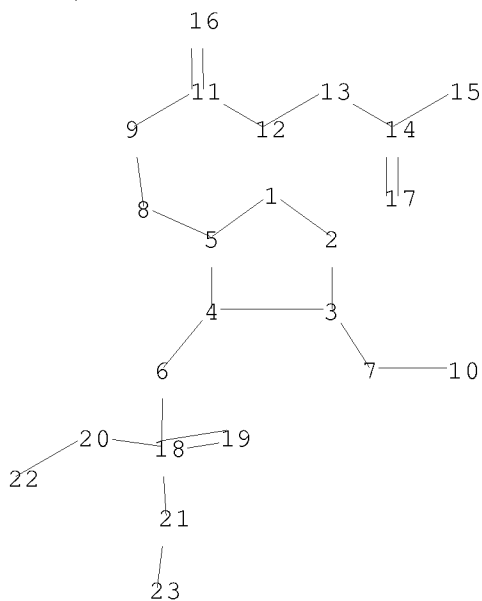
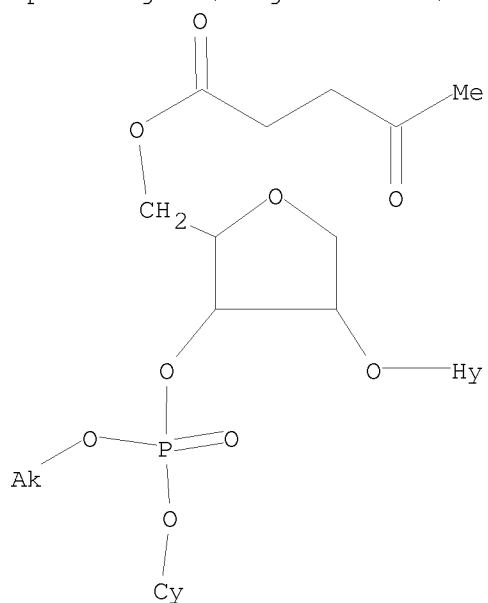
Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:Atom  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS  
19:CLASS 20:CLASS  
21:CLASS 22:CLASS

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Uploading C:\Program Files\Stnexp\Queries\10597445-14Mar08-3.str



chain nodes :

6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

ring nodes :

1 2 3 4 5

chain bonds :

3-7 4-6 5-8 6-18 7-10 8-9 9-11 11-12 11-16 12-13 13-14 14-15 14-17  
18-19

18-20 18-21 20-22 21-23

ring bonds :

1-2 1-5 2-3 3-4 4-5

exact/norm bonds :

1-2 1-5 2-3 3-4 3-7 4-5 4-6 6-18 7-10 9-11 11-16 14-17 18-19 18-20  
18-21 20-22 21-23

exact bonds :

5-8 8-9 11-12 12-13 13-14 14-15

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:Atom  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS  
19:CLASS 20:CLASS  
21:CLASS 22:CLASS 23:Atom

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=> d his

(FILE 'HOME' ENTERED AT 07:52:07 ON 17 MAR 2008)

FILE 'REGISTRY' ENTERED AT 07:52:22 ON 17 MAR 2008

E LIPASE/CN

L1 1 S E3

L2 1 S E3 FULL

FILE 'CAPLUS' ENTERED AT 07:52:53 ON 17 MAR 2008

L3 35400 S L2

L4 5363 S LEVULIN?

L5 104 S LEVULINOYL

L6 1327 S LEVULINATE

L7 4043 S LEVULINIC ACID

L8 4884 S L5 OR L6 OR L7

L9 1 S L2 (S) L8

L10 1 S L2 (L) L8

L11 16 S L2 AND L8

=> d stat que

L2 1 SEA FILE=REGISTRY ABB=ON PLU=ON LIPASE/CN

L5 104 SEA FILE=CAPLUS ABB=ON PLU=ON LEVULINOYL

L6 1327 SEA FILE=CAPLUS ABB=ON PLU=ON LEVULINATE

L7 4043 SEA FILE=CAPLUS ABB=ON PLU=ON LEVULINIC ACID

L8 4884 SEA FILE=CAPLUS ABB=ON PLU=ON L5 OR L6 OR L7

L11 16 SEA FILE=CAPLUS ABB=ON PLU=ON L2 AND L8

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FILE 'CASREACT' ENTERED AT 11:11:30 ON 20 MAR 2008

L1 STRUCTURE UPLOADED  
L2 0 S L1  
L3 0 S L2 FULL  
L4 0 S L1 FULL  
L5 STRUCTURE UPLOADED  
L6 0 S L5  
L7 0 S L5 FULL

FILE 'STNGUIDE' ENTERED AT 11:14:52 ON 20 MAR 2008

FILE 'REGISTRY' ENTERED AT 11:16:14 ON 20 MAR 2008

E 2-CHLOROPHENYLPHOSPHOROTRIAZOLIDE  
E 2-CHLOROPHENYLPHOSPHOROTRIAZOLIDE/CN  
E PHOSPHOROTRIAZOLIDE/CN  
L8 1668 S CHLORO (XA) PHOSPHORO (XA) PHENYL (XA) TRI  
L9 0 S CHLORO (XA) PHOSPHORO (XA) PHENYL (XA) TRIAZOLIDE  
L10 197 S CHLORO (XA) PHOSPHORO (XA) PHENYL (XA) TRIAZO?  
L11 197 S CHLORO (XA) PHOSPHORO (XA) PHENYL (XA) TRIAZO? (XA) 2

FILE 'CAPLUS' ENTERED AT 11:19:04 ON 20 MAR 2008

E US2007172925/PN  
L12 1 S E3

FILE 'REGISTRY' ENTERED AT 11:20:45 ON 20 MAR 2008

L13 1 S 861817-06-3/RN  
SET NOTICE 1 DISPLAY  
SET NOTICE LOGIN DISPLAY

FILE 'CAPLUS' ENTERED AT 11:21:40 ON 20 MAR 2008

SEL L12 RN

FILE 'REGISTRY' ENTERED AT 11:21:50 ON 20 MAR 2008

L14 85 S E1-E85  
L15 3 S L14 AND PHOSPH?

FILE 'CASREACT' ENTERED AT 11:22:47 ON 20 MAR 2008

L16 48 S L15

FILE 'REGISTRY' ENTERED AT 11:26:25 ON 20 MAR 2008

L17 1 S L14 AND TRICHLORO?

FILE 'CASREACT' ENTERED AT 11:27:09 ON 20 MAR 2008

L18 264 S L17  
L19 48 S L18 AND PHOSPH?

FILE 'CASREACT' ENTERED AT 11:40:02 ON 20 MAR 2008

L20 9 S L19 AND PHOSPHITE

FILE 'STNGUIDE' ENTERED AT 11:50:16 ON 20 MAR 2008

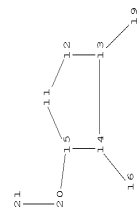
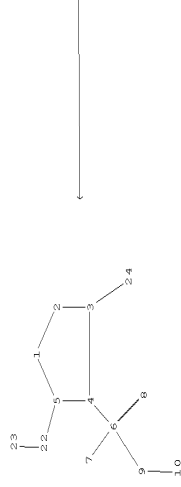
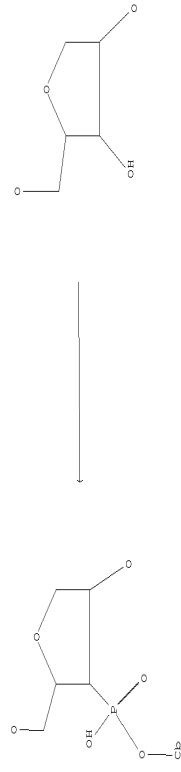
=> d stat que

L14 85 SEA FILE=REGISTRY ABB=ON PLU=ON (100-07-2/BI OR 108-24-7/BI  
OR 109-78-4/BI OR 115-20-8/BI OR 118-00-3/BI OR 1191-99-7/BI  
OR 120187-92-0/BI OR 120187-94-2/BI OR 138494-30-1/BI OR  
21090-30-2/BI OR 40608-06-8/BI OR 40615-36-9/BI OR 40615-37-0/B  
I OR 40615-39-2/BI OR 64350-24-9/BI OR 65-46-3/BI OR 69304-37-6  
/BI OR 72351-28-1/BI OR 75-77-4/BI OR 79-30-1/BI OR 80817-46-5/  
BI OR 85393-37-9/BI OR 861816-91-3/BI OR 861816-92-4/BI OR

861816-93-5/BI OR 861816-94-6/BI OR 861816-95-7/BI OR 861816-97-9/BI OR 861816-98-0/BI OR 861816-99-1/BI OR 861817-01-8/BI OR 861817-03-0/BI OR 861817-04-1/BI OR 861817-05-2/BI OR 861817-06-3/BI OR 861817-07-4/BI OR 861817-09-6/BI OR 861817-10-9/BI OR 861817-11-0/BI OR 861842-82-2/BI OR 861842-83-3/BI OR 861842-85-5/BI OR 861842-86-6/BI OR 861842-87-7/BI OR 861842-88-8/BI OR 861842-89-9/BI OR 861842-90-2/BI OR 861842-91-3/BI OR 861842-92-4/BI OR 861842-93-5/BI OR 861842-95-7/BI OR 861842-96-8/BI OR 861842-97-9/BI OR 861842-98-0/BI OR 861842-99-1/BI OR 861843-00-7/BI OR 861843-01-8/BI OR 861843-02-9/BI OR 861843-03-0/BI OR 861843-04-1/BI OR 861843-05-2/BI OR 861843-06-3/BI OR 861843-07-4/BI OR 861843-08-5/BI OR 861843-09-6/BI OR 861843-10-9/BI OR 861843-11-0/BI OR 861843-12-1/BI OR 861843-13-2/BI OR 862202-73-1/BI OR 862224-10-0/BI OR 862224-11-1/BI OR 862224-12-2/BI OR 862224-13-3/BI OR 862224-14-4/BI OR 862224-15-5/BI OR 862224-16-6/BI OR 862224-17-7/BI OR 862224-18-8/BI OR 862259-89-0/BI OR 86327-76-6/BI OR 87865-78-9/BI OR 9001-62-1/BI OR 90865-73-9/BI OR 90865-74-0/BI)

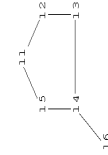
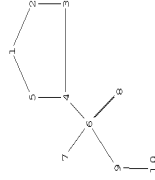
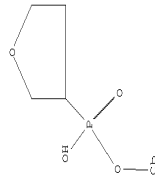
L17	1	SEA FILE=REGISTRY ABB=ON	PLU=ON	L14 AND TRICHLORO?
L18	264	SEA FILE=CASREACT ABB=ON	PLU=ON	L17
L19	48	SEA FILE=CASREACT ABB=ON	PLU=ON	L18 AND PHOSPH?
L20	9	SEA FILE=CASREACT ABB=ON	PLU=ON	L19 AND PHOSPHITE





chain nodes : 9 10 16 19 20 21 22 23 24  
ring nodes : 4 5 11 12 13 14 15  
chain bonds : 5-22 6-7 6-8 6-9 9-10 13-19 14-16 15-20 20-21 22-23  
ring bonds : 1-2 1-5 2-3 3-4 4-5 11-12 11-15 12-13 13-14 14-15  
exact/norm bonds : 1-2 1-5 2-3 3-4 3-24 4-5 6-9 11-12 11-15 12-13 13-14 14-16 20-21  
22-23  
exact bonds : 4-6 5-22 9-10 15-20  
normalized bonds : 6-7 6-8

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:Atom 11:Atom  
12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS  
24:CLASS  
fragments assigned product role:  
contains assigned 1  
fragments assigned reactant/reagent role:  
contains assigned 11  
node mappings:  
4:14 4:14



```

chain nodes :      9  10  16
ring nodes :      4  5  11  12  13  14  15
chain bonds :      6-9  9-10  14-16
ring bonds :      1-2  1-5  2-3  3-4  4-5  11-12  11-15  12-13  13-14  14-15
exact/norm bonds :      1-2  1-5  2-3  3-4  4-5  11-12  11-15  12-13  13-14  14-15
exact bonds :      1-2  1-5  2-3  3-4  4-5  6-9  11-12  11-15  12-13  13-14  14-15  14-16
normalized bonds :
6-7  6-8

```

```

Match level :
1:Atom      2:Atom      3:Atom      4:Atom      5:Atom      6:CLASS      7:CLASS      8:CLASS      9:CLASS      10:Atom      11:Atom
12:Atom      13:Atom      14:Atom      15:Atom      16:CLASS
reaction site bonds:
4-6:XC      14-16:XC

```